No. 7900118

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Speight Seed Farms, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF eighteen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

TOBACCO

'Speight G-58'

In Testimony Whereof, *I have hereunto set my hand and caused the seal of the* Plant Variety Protection Office *to be affixed at the City of* Washington *this* 26th *day of* February *in the year of our Lord one thousand nine hundred and* eighty-one.

Attest:

Commissioner
Plant Variety Protection Office
Grain Division

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: *See Reverse.*

FORM APPROVED
OMB NO. 40-R3822

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1a. TEMPORARY DESIGNATION OF VARIETY	1b. VARIETY NAME	FOR OFFICIAL USE ONLY
Speight G-58	Speight G-58	PV NUMBER 7900118
2. KIND NAME: Flue-cured tobacco	3. GENUS AND SPECIES NAME: Nicotiana tabacum	FILING DATE 9-17-79 / TIME 12:00 (A.M.) P.M.
4. FAMILY NAME (BOTANICAL): Solanaceae	5. DATE OF DETERMINATION: December 1977	FEE RECEIVED $ 500.00 $ 250.00 / DATE 9-17-79 1/19/81
6. NAME OF APPLICANT(S): Speight Seed Farms, Inc.	7. ADDRESS (*Street and No. or R.F.D. No., City, State, and ZIP Code*): RFD 1 Box 507 Winterville, NC 28590	8. TELEPHONE AREA CODE AND NUMBER: 919-756-0718

9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (*Corporation, partnership, association, etc.*)	10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION	11. DATE OF INCORPORATION
Corporation	North Carolina	1-1-72

12. NAME AND MAILING ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS:
M. L. Grimsley
Speight Seed Farms, Inc.
Winterville, NC 28590

13. **CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:**

- [X] 13A. Exhibit A, Origin and Breeding History of the Variety *(See Section 52 of the Plant Variety Protection Act.)*
- [X] 13B. Exhibit B, Novelty Statement.
- [X] 13C. Exhibit C, Objective Description of the Variety *(Request form from Plant Variety Protection Office.)*
- [X] 13D. Exhibit D, Additional Description of the Variety.

14a. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? *(See Section 83(a). (If "Yes," answer 14B and 14C below.)* [X] YES [ ] NO

14b. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? [X] YES [ ] NO

14c. IF "YES," TO 14B, HOW MANY GENERATIONS OF PRODUCTION BEYOND BREEDER SEED? [X] FOUNDATION [X] REGISTERED [X] CERTIFIED

15a. DID THE APPLICANT(S) FILE FOR PROTECTION OF THIS VARIETY IN OTHER COUNTRIES? [ ] YES [X] NO *(If "Yes," give name of countries and dates.)*

15b. HAVE RIGHTS BEEN GRANTED THIS VARIETY IN OTHER COUNTRIES? [ ] YES [X] NO *(If "Yes," give name of countries and dates.)*

16. DOES THE APPLICANT(S) AGREE TO THE PUBLICATION OF HIS/HER (THEIR) NAME(S) AND ADDRESS IN THE OFFICIAL JOURNAL? [X] YES [ ] NO

17. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

September 11, 1979 (DATE) — Rachel Speight Snyder President (SIGNATURE OF APPLICANT)

Sept - 11, 1979 (DATE) — Mark Grimsley (SIGNATURE OF APPLICANT)

FORM GR-470 (1-78)

INSTRUCTIONS

GENERAL: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and $500 fee ($250 filing fee and $250 examination fee) to U.S. Dept. of Agriculture, Agricultural Marketing Service, Livestock, Poultry, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (See section 180.175 of the Regulations and Rules of Practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

5 Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.

13a Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.

13b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties: (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.

13c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.

13d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as, plant habit, plant color, disease resistance, etc.

14a If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "NO," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)

15a See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.

Speight Seed Farms, Inc.

BREEDERS, REGISTERED AND CERTIFIED SEED

TOBACCO SEED – SOYBEANS – HYBRID CORN

BOX 507 ● PHONE (919) 756-0718

WINTERVILLE, N. C. 28590

13-A September 7, 1979 7900118

Exhibit A

Origin And Breeding History Of Speight G-58

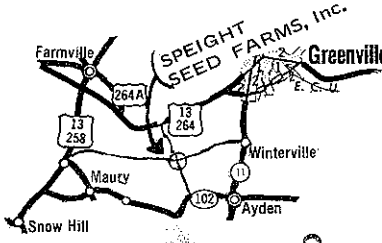
Name: Speight G-58
Pedigree: NC 2514 x Speight G-10

1. In 1969, NC 2514 was crossed with Speight G-10 and the F1 generation was grown in 1970. The F2 was planted in 1971 and a single pedigree selection was used until the F5 generation. This gave rise to a breeding line designated R-29, later named Speight G-58.

2. In the F5 generation plants were bulked to give sufficient seed for testing the F6 generation in the 1975 NC Official Variety Trials and Speight Seed Farm Tests, etc. Selections and bulking were continued for three more generations and the current breeders seed are in the eighth generation.

3. R-29 was segregating for a broadleaf variant in the F3 and F4 generations, but these were selected against and no variants were found in Speights G-58 in the fifth generation. It was tested in the NC Official Variety Test, by Speight Seed Farms and the Regional Evaluation Program through the F7 and F8 generations. G-58 remained stable throughout these test and is now considered a stable tobacco variety.

KNOWN ORIGIN QUALITY SPEIGHT'S SEEDS ADAPTABILITY



Speight Seed Farms, Inc.

BREEDERS, REGISTERED AND CERTIFIED SEED

TOBACCO SEED – SOYBEANS – HYBRID CORN

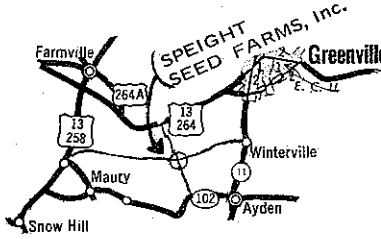
BOX 507 • PHONE (919) 756-0718

WINTERVILLE, N. C. 28590

Year Tested	G-58 Height		NC-95 Ins.	G-58 Yields		NC 95 lbs.	G-58 Nicotine		NC 95 Content
1977 OVT	39	vs	41	3113	vs	2620	2.76	vs	3.22
1978 OVT	45	vs	45	3301	vs	2919	3.83	vs	4.32
1977 Pee Dee Exp.	38.6	vs	42.8	2312	vs	1974			
Average	40.9		42.9	2909		2504	3.00		3.77

Copies of published data attached

KNOWN ORIGIN QUALITY
SPEIGHT'S SEEDS
ADAPTABILITY



Speight Seed Farms, Inc.

BREEDERS, REGISTERED AND CERTIFIED SEED

TOBACCO SEED – SOYBEANS – HYBRID CORN

BOX 507 ● PHONE (919) 756-0718

WINTERVILLE, N. C. 28590

November 16, 1979

Joseph J. Higgins
Examiner, Plant Variety
Protection Office

Dear Mr. Higgins:

Subject: Tobacco Application No. 7900118, Speight G-58

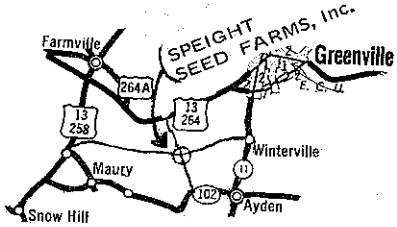
Exhibit B-Supporting data to demonstrate novelty of G-58

Speight G-58 most closely resembles NC 95, but differs by flowering about 2 days later (64.5 vs 62.8) days, produces 1 more leaf per plant (21.3 vs 20.3). They hang more parallel to the ground and are slightly narrower and longer. Internodes are closer on G-58 (1.55 ins. vs 1.86 ins.), produces less ground suckers (0.2 vs 0.8). G-58 grows 2 inches shorter in height (40.9 vs 42.9), produces higher yields of heavier bodied leaf (2909 vs 2504) lbs, 400 lbs. per acre more. Flower heads grow more open (intermediate vs closed). Leaves are puckered and grow with a lighter green color than NC 95. Nicotine content is lower (3.00 vs 3.77) in the cured leaf of Speight G-58.

These figures or data is an average or three test, from the N.C. Official Variety Test, 1977 and 1978, and the Pee Dee Experiment Test, Florence, S.C., 1977.

Year Tested	G-58 NC 95 Days to Flower	G-58 NC 95 Leaves per Plant	G-58 NC 95 Internodes	G-58 NC 95 Ground Suckers
1977 OVT	65 vs 65	18.5 vs 17.7		0.2 vs 0.6
1978 OVT	66 vs 63	20.3 vs 20.1		0.2 vs 0.9
1977 Pee Dee Exp.	62.5 vs 60.5	25.2 vs 23.1	1.55 vs 1.86	
Average	64.5 62.8	21.3 20.3	1.55in. 1.86in.	0.2 vs 0.8

KNOWN ORIGIN QUALITY SPEIGHT'S SEEDS ADAPTABILITY



GOOD SEED OF AN ADAPTED VARIETY IS THE FOUNDATION OF A GOOD CROP

THREE YEAR AVERAGE 1977, 1978, 1979

Table 2. Comparison of certain varieties and lines in Official Tobacco Variety Test.

Varieties or Lines	Yield Lbs/A	Value Index Dol/A	Grade Index	Days to Flower	Leaves per Plant	Height of Plant	Ground Suckers	Nic. %	Sol. Sug. %	Nor. Nic. %	Ratio Sug. Nic.
NC 2326	2788	3618	38	62	18.3	46	.3	3.57	14.24	.23	4.56
NC 95	2706	3524	35	65	19.1	44	.8	3.65	13.63	.36	4.22
Coker 48	3069	4012	34	68	20.5	46	.6	3.40	15.07	.25	5.15
Coker 86	3011	3780	29	68	20.3	46	.8	3.22	13.79	.23	4.79
Coker 298	2784	3667	37	68	19.7	46	.5	3.71	13.11	.28	3.93
Coker 319	2748	3681	42	65	19.7	44	.6	3.38	12.91	.27	4.22
Coker 347	3025	3964	35	68	20.2	44	.7	3.58	12.81	.34	4.04
Coker 411	2984	3918	35	65	19.0	42	.3	3.74	13.42	.29	4.10
*McNair 373	2872	3968	43	64	21.3	41	.6	2.99	14.45	.23	5.07
McNair 944	3042	4025	37	66	19.1	43	.3	3.32	15.75	.24	5.44
*NC 82	2850	3997	43	62	19.4	42	.8	2.73	17.26	.20	6.75
NC 89	2994	3964	37	64	18.2	44	.3	3.58	13.54	.33	4.24
*NC 628	3047	4078	32	68	18.4	47	.1	2.87	17.10	.24	6.53
Speight G-28	2802	3711	39	66	19.9	40	.2	3.00	12.46	.28	4.65
Speight G-52	2783	3628	35	68	18.8	39	.2	3.69	12.66	.33	3.74
Speight G-58	3110	4105	37	66	19.3	43	.3	3.26	14.43	.26	4.90
*Speight G-70	3157	4300	34	67	19.3	42	.6	2.74	18.18	.20	8.00
Speight G-140	3012	3993	35	67	20.8	46	.6	3.21	15.45	.27	5.73
Va. 115	2797	3695	37	63	18.3	41	.5	3.44	14.07	.30	4.73

*Average of 1978 and 1979 only.

FORM GR-470-31
(12-16-74)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

OBJECTIVE DESCRIPTION OF VARIETY

Tobacco (Nicotiana tabacum)

NAME OF APPLICANT(S)

Speight Seed Farms, Inc.

ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code)

RFD 1 Box 507
Winterville, NC 28590

VARIETY NAME OR TEMPORARY DESIGNATION

Speight G-58

FOR OFFICIAL USE ONLY

PVPO NUMBER

7900118

Place the appropriate number that describes the varietal character in the boxes below.
Place a zero in first box (e.g. [0][8][9] or [0][9] when number is either 99 or less or 9 or less.

1. CLASS:

[1] 1 = FLUE-CURED 2 = FIRE-CURED 3 = AIR-CURED 4 = CIGAR FILLER 5 = CIGAR BINDER 6 = CIGAR WRAPPER
7 = MISCELLANEOUS-DOMESTIC 8 = FOREIGN-CIGAR LEAF 9 = FOREIGN-NON-CIGAR LEAF

[ ] AIR-CURED: 1 = BURLEY 2 = MARYLAND 3 = DARK AIR-CURED

STANDARD VARIETIES

01 = NC 95	02 = NC 2326	03 = COKER 319	04 = HICKS	05 = SPEIGHT G-28	06 = SC 58
07 = Ky 151	08 = BURLEY 21	09 = BURLEY 49	10 = Ky 10	11 = MARYLAND 609	12 = Ky 165
13 = Pennbel 69	14 = HAVANA 503	15 = FLORIDA 17	16 = OTHER		

2. MATURITY (Transplant to 50% plants 1 Fl.) (Select code from Standard Varieties listed above)

[0][6][5] NO. OF DAYS

[ ] DAYS EARLIER THAN . . . [ ]

[0][2] DAYS LATER THAN . . . . . [0][1]

3. SEEDING TO TRANSPLANTING (Select code from Standard Varieties listed above)

[7][8] NO. OF DAYS

[ ] DAYS EARLIER THAN . . . [ ]

[0][3] DAYS LATER THAN . . . . . [0][2]

4. PLANT HEIGHT (After topping) (Select code from Standard Varieties listed above)

[1][0][7] CM TALL

[0][5] CM SHORTER THAN . . . . . [0][2]

[ ] CM TALLER THAN . . . . . [ ]

5. LEAF SIZE (At leaf maturity) (Select code from Standard Varieties listed above)

LENGTH

[4][9][5] CM 5TH LEAF

[5][7][5] CM 10TH LEAF

[5][9][5] CM 15TH LEAF

[ ] CM SHORTER THAN . . . . . [ ]

[ ] CM SHORTER THAN . . . . [ ]

[ ] CM SHORTER THAN . . [ ]

[0][5] CM LONGER THAN . . . . . [0][1]

[1][2] CM LONGER THAN . . . . . [0][1]

[3][0] CM LONGER THAN . . . [0][1]

WIDTH

[1][9][5] CM 5TH LEAF

[2][5][0] CM 10TH LEAF

[3][1][5] CM 15TH LEAF

[4][5] CM NARROWER THAN . . . [0][1]

[3][5] CM NARROWER THAN . . . [0][1]

[2][2] CM NARROWER THAN [0][1]

[ ] CM WIDER THAN . . . . . [ ]

[ ] CM WIDER THAN . . . . . [ ]

[ ] CM WIDER THAN . . . . [ ]

6. LEAF YIELD (Select code from Standard Varieties listed above)

[3][2][0][4] KG/HA

[ ] % LESS THAN . . . . . [ ]

[1][9] % MORE THAN . . . . . [0][1]

GROUPING: **STANDARD VARIETIES**

01 = NC 95 | 02 = NC 2326 | 03 = COKER 319 | 04 = HICKS | 05 = SPEIGHT G-28 | 06 = SC 58
07 = Ky 151 | 08 = BURLEY 21 | 09 = BURLEY 49 | 10 = Ky 10 | 11 = MARYLAND 609 | 12 = Ky 165
13 = Pennbel 69 | 14 = HAVANA 503 | 15 = FLORIDA 17 | 16 = OTHER _____

7. LEAF NUMBER (Select code from Standard Varieties listed above)

TOPPED NORMAL:

[1 9 2] NO. PER PLANT

[1 9 2] NO. OF LEAVES > 40.6 CM [1 0 3] CM HEIGHT OF LAST LEAF > 40.6 CM

NOT TOPPED:

[2 3 0] NO. OF LEAVES OR NODES TO "CROWFOOD" FROM 1ST HARVESTABLE LEAF

8. INTERNODES (Topped) (Select code from Standard Varieties listed above)

[5 6] MM LENGTH [1 2] MM SHORTER THAN..... [0 2] [ ] MM LONGER THAN..... [ ]

9. LEAF CHARACTERISTICS:

PETIOLE ANGLE:

[3 5] DEGREES [1] GROUPING: 1 = <35° 2 = 35–45° 3 = 46–65° 4 = > 65°

LEAF CARRIAGE

[2] 1 = ARCHED (DROOPING) 2 = HORIZONTAL 3 = UPRIGHT

LEAF COLOR (At topping or when 50% of plants with 1 flower)

[1] 1 = LIGHT GREEN 2 = GREEN 3 = DARK GREEN 4 = YELLOW–GREEN 5 = YELLOW

LEAF SHAPE:

[3] 1 = BROADER THAN LONG 2 = LENGTH EQUALS WIDTH 3 = LONGER THAN BROAD

[1] 1 = BROADEST AT MIDDLE 2 = BELOW MIDDLE 3 = ABOVE MIDDLE

TIP SHAPE

[2] 1 = ACUTE 2 = ACUMINATE 3 = OBTUSE

VENATION PATTERN:

[2] 1 = SQUARE 2 = ANGULAR

LEAF SURFACE

[2] 1 = SMOOTH (HICKS) 2 = PUCKERED (NC 95)

LEAF MARGIN

[1] 1 = WAVY 2 = NOT WAVY [2] 1 = RECURVED 2 = NOT RECURVED

10. FLOWERS:

[2] COLOR: 1 = WHITE 2 = PINK 3 = RED 4 = OTHER _____

FLOWER HEAD HABIT:

[2] 1 = CLOSED (NC 95) 2 = INTERMEDIATE 3 = OPEN (HICKS)

11. PLANT FORM

[2] 1 = PYRAMIDAL 2 = COLUMNAR 3 = OTHER (Specify) _____

12. GROUND SUCKERS:

[0 3] NO. PER PLANT

13. DISEASE (0 = Not tested, 1 = Susceptible, 2 = Resistant)

[2] BLACK SHANK (RACES) 0,1

[2] BLACK ROOT ROT

[0] BLUE MOLD

[0] WILDFIRE (SPECIES) _____

[0] BLACKFIRE

[2] FUSARIUM WILT (NICOTIANA)

[0] FUSARIUM WILT (BATATAS)

[0] FROGEYE

[2] BROWN SPOT

[2] BACTERIAL WILT

7900118

13. DISEASE (0 = Not tested, 1 = Susceptible, 2 = Resistant)

1	POTATO VIRUS Y	1	TMV
0	NEMATODE ROOT ROT (LESION, SPECIES)_____	2	ROOT KNOT NEMATODE
0	TOBACCO ETCH VIRUS	1	OZONE AIR POLLUTION
	OTHER (Specify) _____		OTHER (Specify) _____

NOTE: Under 16 "Comments", give comparative reaction with a standard variety appropriate for each disease tested and indicate if disease reaction of the variety exceeds, equals or is less than that of the standard).

14. LEAF CONSTITUENTS (Give data for described and standard variety):

VARIETY	NICOTINE %	NOR NICOTINE %	TOTAL NITROGEN %	REDUCING SUGARS % (FLUE-CURED)
SUBMITTED	3.20	2.6	2.41	14.20
STANDARD	3.61	3.0	2.56	13.10
NAME OF STANDARD VARIETY	NC 95	NC 95	NC 95	NC 95

15. VARIETIES MOST CLOSELY RESEMBLING THAT DESCRIBED FOR THE CHARACTERS GIVEN:

CHARACTER	VARIETY	CHARACTER	VARIETY
MATURITY	NC 95	LEAF TIP SHAPE	NC 95
LEAF LENGTH	Coker 319	VENATION PATTERN	NC 95
LEAF WIDTH	Coker 319	LEAF SURFACE	NC 95
LEAF CARRIAGE	Coker 319	LEAF MARGIN	NC 95
PETIOLE ANGLE	Coker 319	LEAF COLOR	Speight G-28
LEAF SHAPE	Coker 319	PLANT FORM	NC 95

16. COMMENTS (For increasing accuracy of description)

Speight G-58 most closely resembles NC 95 but differs by growing with a distinct paler to yellow green color. Leaves are narrower and longer. It produces less bottom suckers. Yields are higher with more body and lower nicotine content according to cured leaf analyses than NC 95.

Speight Seed Farms, Inc.

BREEDERS, REGISTERED AND CERTIFIED SEED

TOBACCO SEED – SOYBEANS – HYBRID CORN

BOX 507 • PHONE (919)756-0718

WINTERVILLE, N. C. 28590

7900118

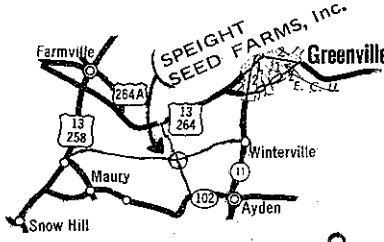
13-D

September 7, 1979

Exhibit D

Additional Description Of The Variety Speight G-58
Flue Cured Tobacco

Speight G-58 seems to live better when transplanted, and grows off faster than NC 95. Leaves grow longer, especially the lower and middle leaves. Leaves grow with a pale yellow color more so than our Speight G-28. It usually produces about one more leaf per plant. Leaves are more puckered than NC 95. Tops differ by being more open on G-58 (intermediate vs. closed) with about three inches more distance between crowsfoot and top harvestable leaf. Expect fewer ground suckers and about the same leaf axil suckers. G-58 normally yields about 500 lbs per acre more, with a higher percentage of medium to heavy bodied cured leaf than NC 95. It also produces a higher percentage of lemon colored leaf. Nicotine content is usually lower. G-58 carries higher Black Shank and lower Bacterial Wilt resistance than NC 95. The big differences between the two varieties are Yields, Field Color, Bottom Suckers, Color of Cured Leaf, and Vigor of Transplants.



USDA

United States Department of Agriculture

Research, Education, and Economics
Agricultural Research Service

January 7, 2000

Thomas Salt
Plant Variety Protection Office
NAL Building, Room 500
10301 Baltimore Blvd.
Beltsville, MD 20705-2351

SUBJECT: Expired PVP Applications Transferred to NPGS

Dear Thomas:

We have received notice in the Plant Variety Protection Office Official Journal Quarterly Report of the expiration of the following applications. We have transferred the control of these samples to the NPGS. We have made all necessary changes to our records.

PVP NO.	CULTIVAR	PI NUMBER	CROP	NSSL SERIAL NUMBER
7900103	Columbia	PI 600789	Bluegrass, Kentucky	NSSL 116196.01
8000079	Shasta	PI 600794	Bluegrass, Kentucky	NSSL 117037.01
7900085	RRI-105	PI 600797	Rice	NSSL 117723.01
7900118	Speight G-58	PI 552500	Tobacco	NSSL 117035.02

Thank you for notifying us of this change.

Sincerely,

Judy Grotenhuis

JUDY GROTENHUIS
Data Management Unit

ars

Northern Plains Area • National Seed Storage Laboratory
1111 South Mason Street • Ft. Collins, CO 80521-4500
Voice: 970 495-3200 • Fax: 970 221-1427